

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Applicant(s):

Nallan et al.

Case:

7017 C01/ETCH/METAL/NVM

Serial No.:

10/805,890

Filed:

March 22, 2004

Title:

METHOD OF PLASMA ETCHING OF HIGH-K DIELECTRIC

MATERIALS WITH HIGH SELECTIVITY TO UNDERLYING LAYERS

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Disclosure Statement under 37 CFR 1.56 and 1.98

Pursuant to 37 CFR 1.56, the documents listed on the attached form PTO-1449 are disclosed. Pursuant to 37 CFR 1.98(d), these documents were previously cited by or submitted with a Disclosure Statement in a prior application that is relied upon by the above-identified Continuation application for an earlier filing date under 35 U.S.C. 120. As such, the documents may be found in the file wrapper of U.S. patent application serial number 10/092,795, filed on March 6, 2002. Inclusion of these documents on any patent issuing from this Continuation application is respectfully requested. Under rule 37 C.F.R. 1.98(a), the applicant submits that no specific comments are necessary for any of the cited English language publications.

Respectfully submitted

July L/LOT

Bv:

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10/805,890

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Filing Date March 22, 2004 First Named Inventor

Nallan, et al. Group Art Unit

Examiner Name

Application Number

Attorney Docket Number 7017 C01/ETCH/METAL/NVM

Sheet | 1 of 2 Submission Date

U.S. PATENT DOCUMENTS							
Examiner	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
Initials*		Number-Kind Code ^{2 (if known)}					
	A1	US-2003/0032237	02/13/2003	Clevenger, et al.			
	A2	US-2003/0036241	02/20/2003	Tews			
	A3	US-5,071,714	12/10/1991	Rodbell et al.			
	A4	US-5,188,979	02/23/1993	Filipiak			
	A5	US-5,337,207	08/09/1994	Jones et al.			
	A6	US-5,356,833	10/18/1994	Maniar et al.			
	A7	US-6,148,072	11/14/2000	Huang			
	A8	US-6,270,568	08/07/2001	Droopad et al.			
	A9	US-6,297,095	10/02/2001	Muralidhar et al.			
·	A10	US-6,300,202	10/09/2001	Hobbs et al.			
	A11	US-6,319,730	11/20/2001	Ramdani et al.			
	A12	US-6,326,261	12/04/2001	Tsang et al.			
	A13	US-6,348,386	02/19/2002	Gilmer			
	A14	US-6,528,386	03/04/2003	Summerfelt et al.			
	A15	US-200/0055852	12-2001	Moise et al.			
	A16	US-2002/0076936	06-2002	Iguchi, et al.			
	A17	US-6,284,146	09-2001	Kim et al.			
	A18	US-					

FOREIGN PATENT DOCUMENTS										
Examiner	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁵				
Initials*		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)								
	B1	WO 01/51072	07-19-2001	Isis Innovation Ltd						
	B2	WO 01/97257	12-20-2001	Motorola, Inc.						
	B3									
	B4									
	B5									

Date Considered Examiner

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.